

### IL-3RA, Human, Recombinant

货号: PCK075

## 产品信息

别名 Interleukin-3 Receptor subunit alpha; IL-3 Receptor subunit alpha; IL-3R subunit

alpha; IL-3R-alpha; IL-3RA

物种 Human

表达宿主 Human Cells P

序列信息 Thr19-Arg305

检索号 P26951

分子量 60 kDa

### 产品特性

纯度 >95% as determined by reducing SDS-PAGE.

内毒素 <1.0 EU per µg as determined by LAL test.

保存 Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at -5~-20°C for 3 months.

运输 Ambient temperature or ice pack.

制剂 Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

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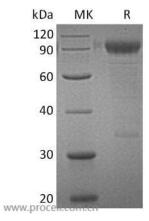
#### 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml.Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

# 背景介绍

CD123, also known as Interleukin-3 Receptor subunit alpha, belongs to the type I Cytokine Receptor family. In mouse, there are two classes of high-affinity IL3 Receptors. One contains an IL3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL5 and GM-CSF Receptors. CD123 stimulates the proliferation and differentiation of hemopoietic cells including the pluripotent hematopoietic stem cells as well as various lineage-committed cells. CD123 is a heterodimer consisting of an alpha and a beta subunit. The alpha subunit alone binds IL-3 with low affinity. The beta subunit does not bind IL-3 by itself but is required for the high-affinity binding of IL-3 to the heterodimeric Receptor complex.

### **SDS-PAGE**



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